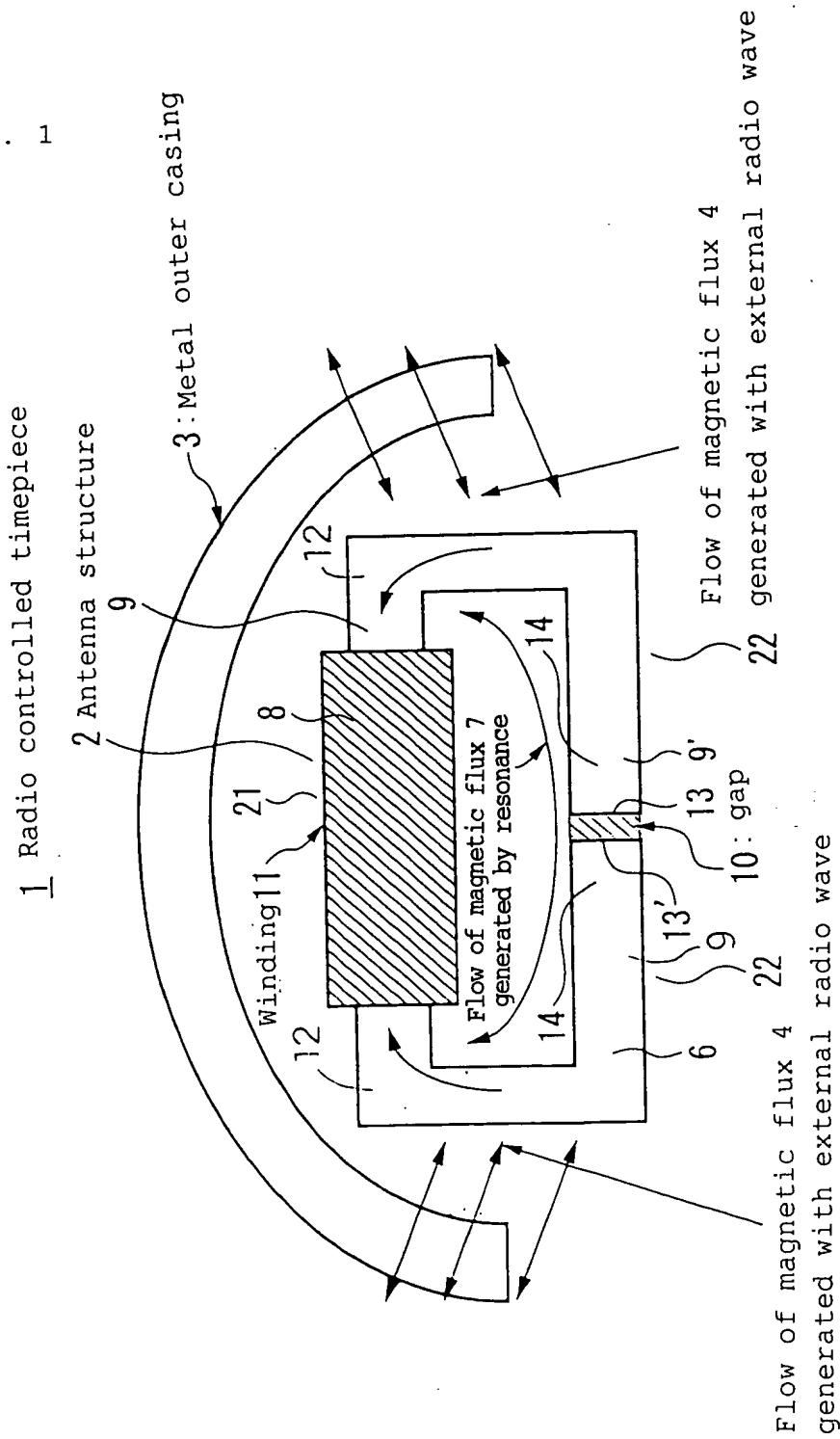


101511912

1/24

Fig. 1



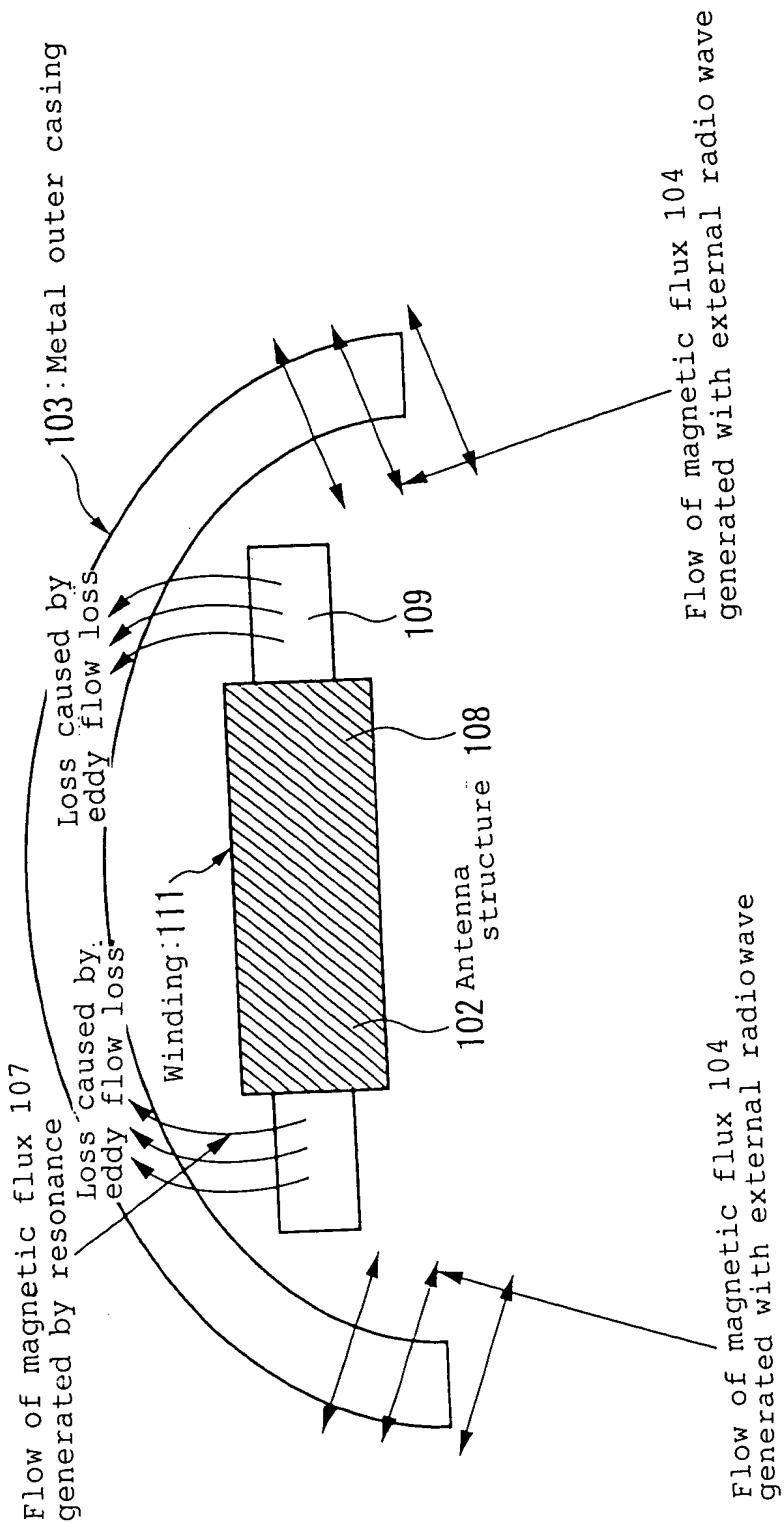
BEST AVAILABLE COPY

10/511912

2/24

Fig. 2

101 Radio controlled timepiece



10/511912

3/24

Fig. 3

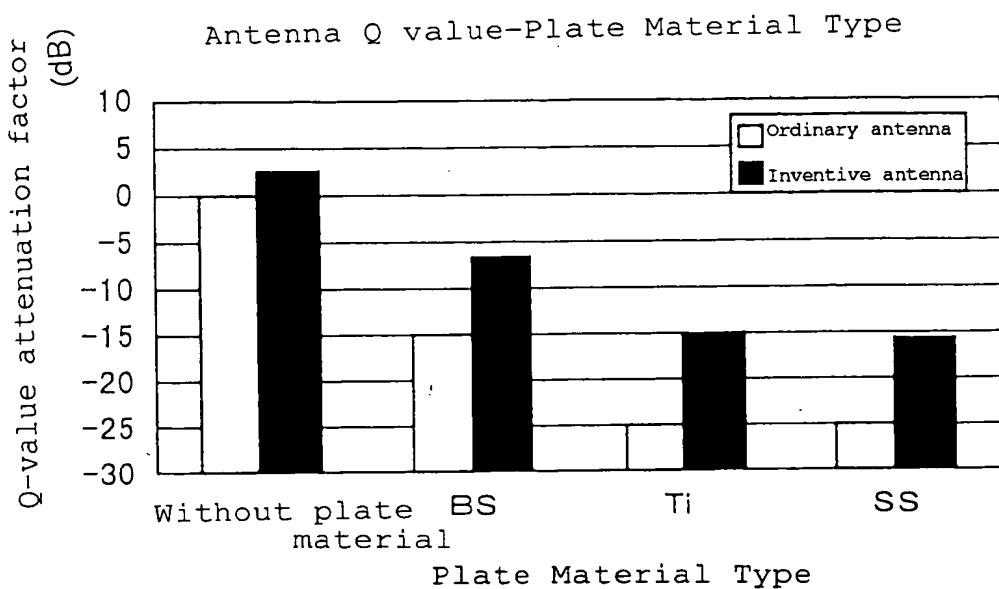
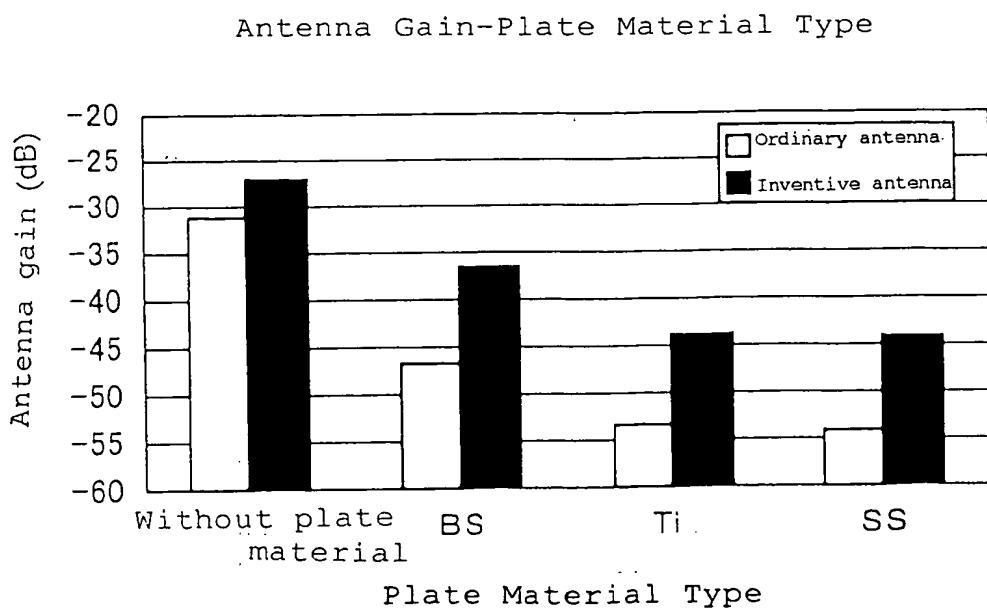


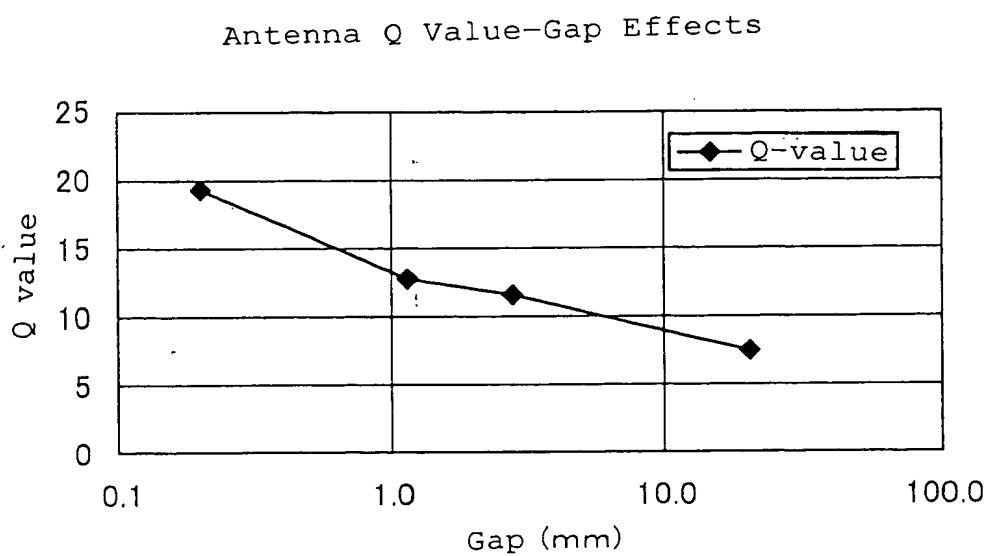
Fig. 4



} 10/511912

4/24

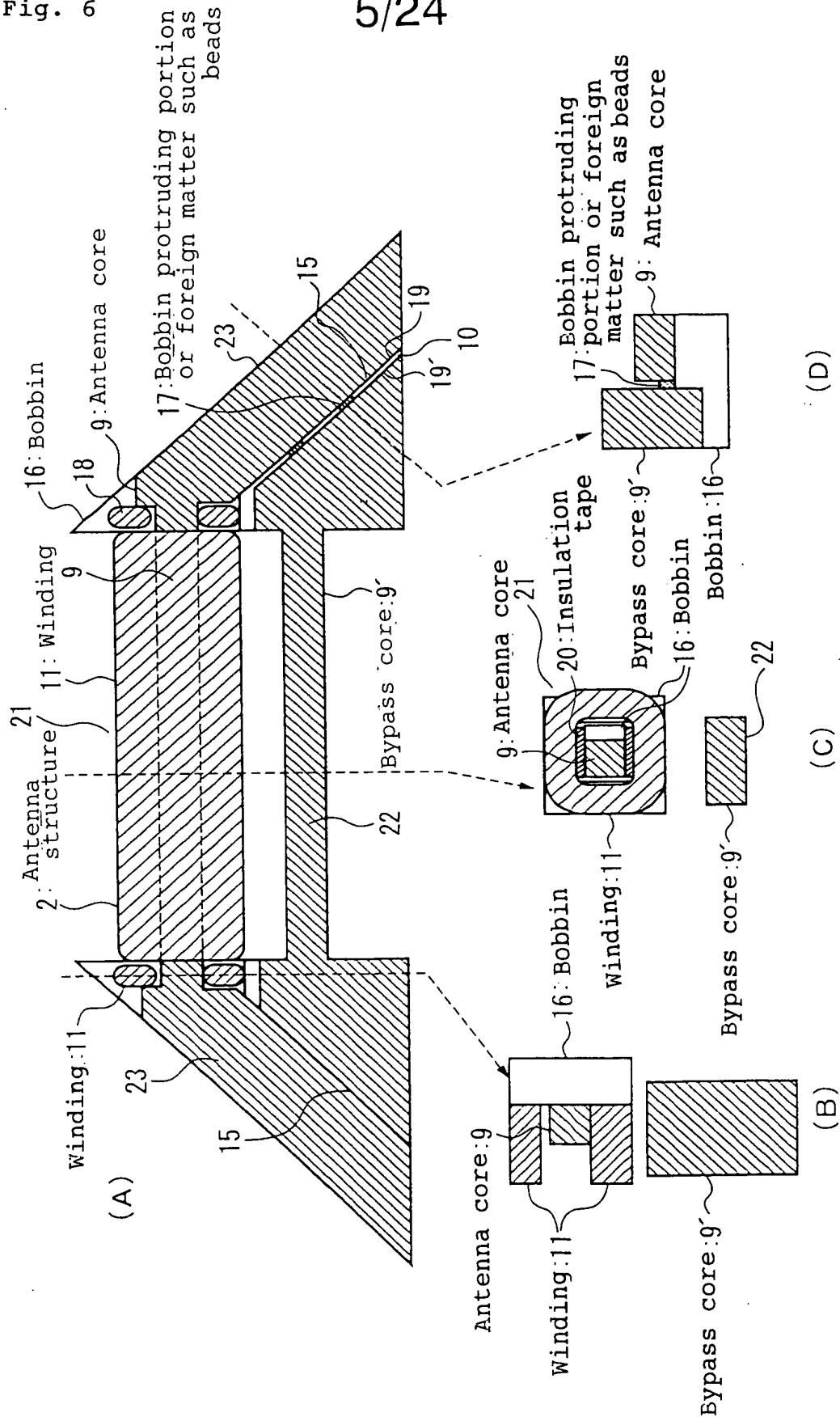
Fig. 5



10,511912

Fig. 6

5/24



10/511912

6/24

Fig. 7

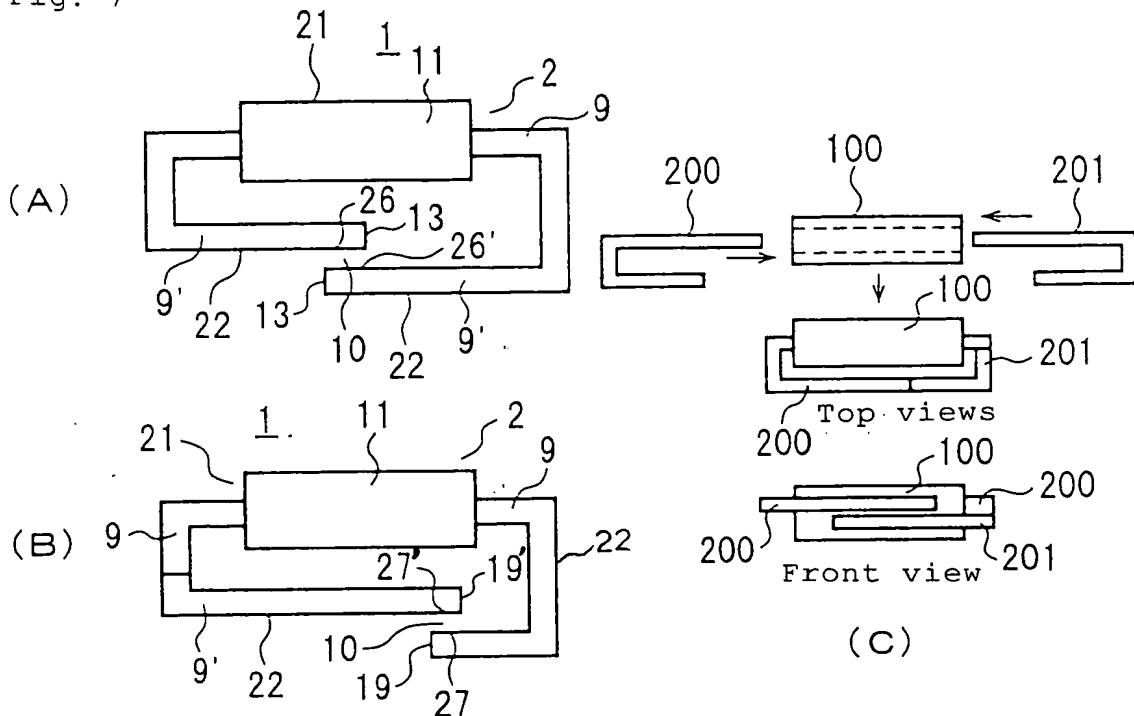
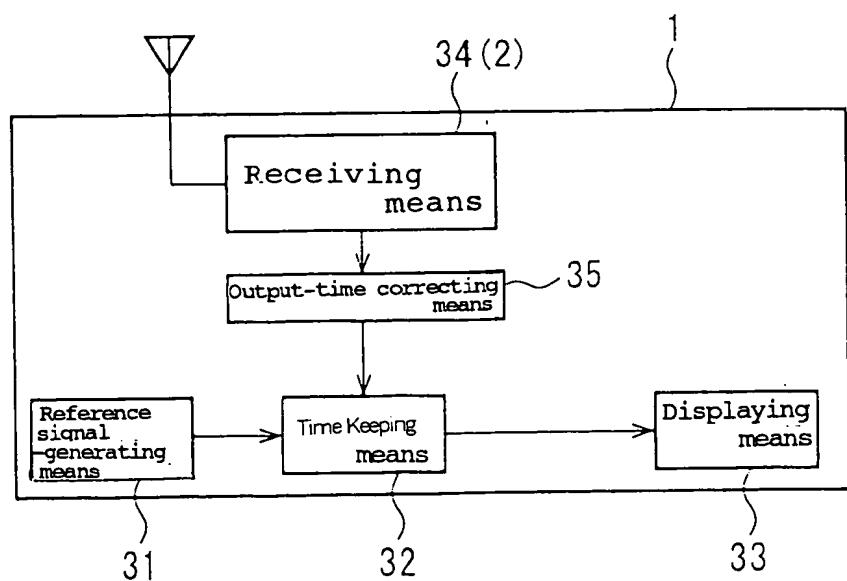


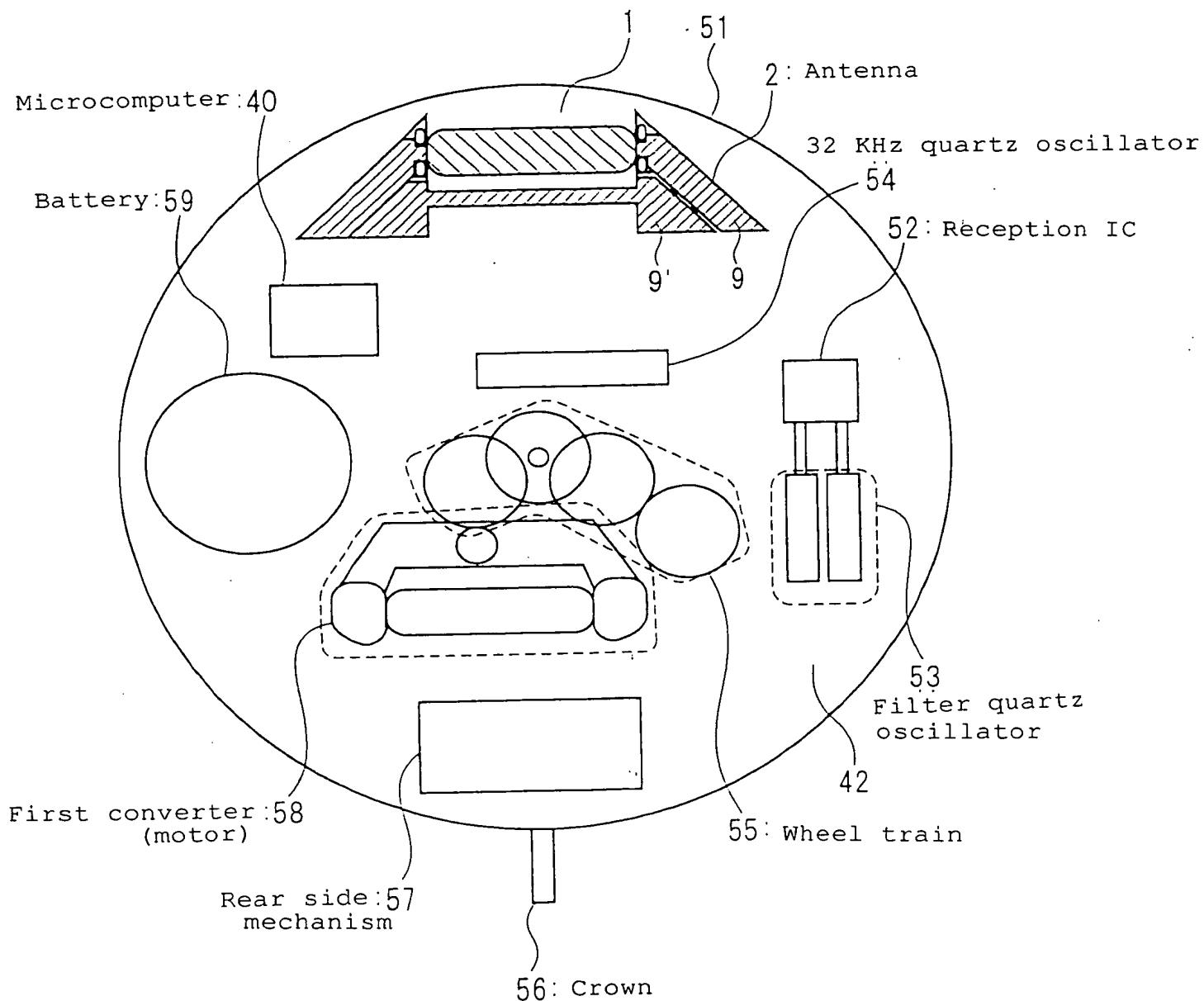
Fig. 8



} 10/511912

7/24

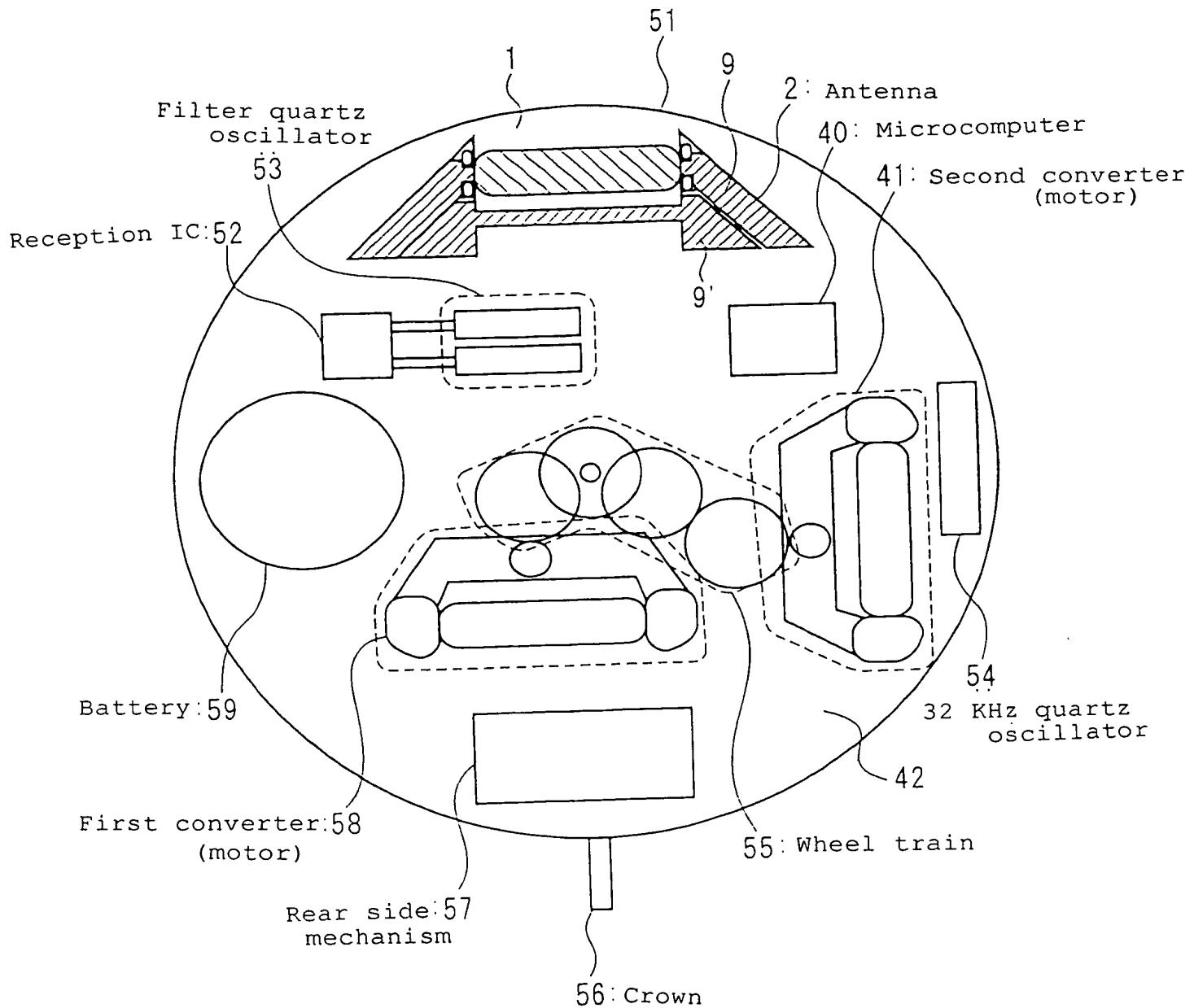
Fig. 9



10/511912

8/24

Fig. 10.



} 10/511912

9/24

Fig. 11

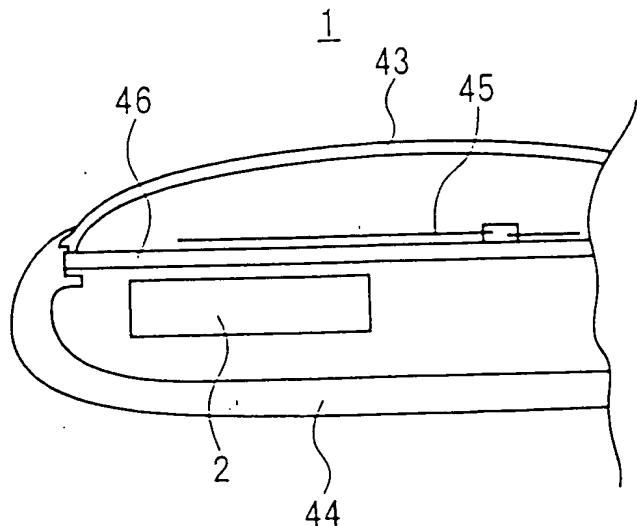
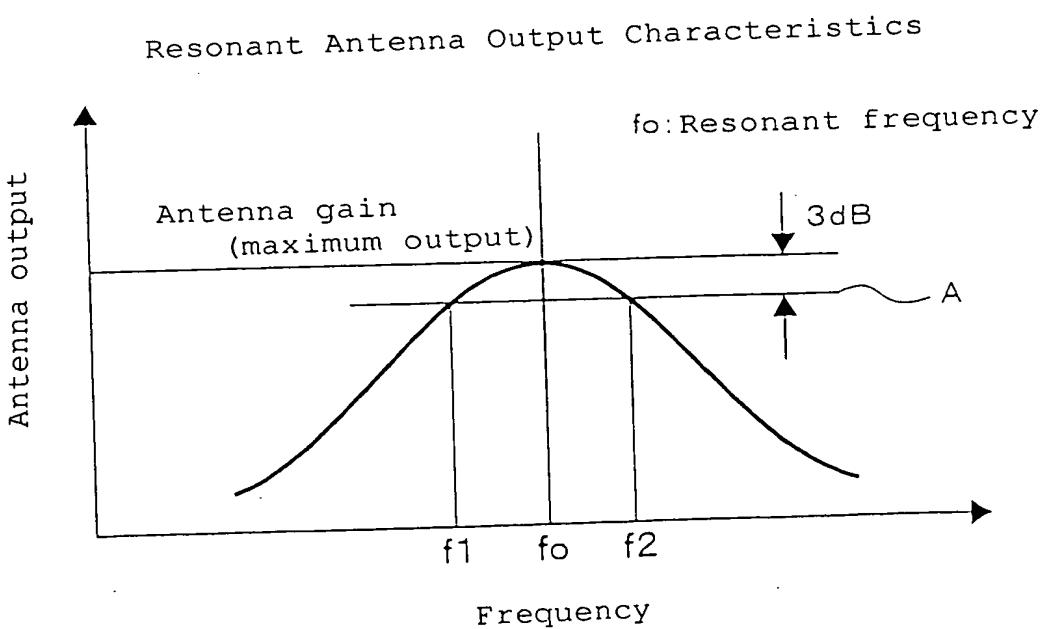


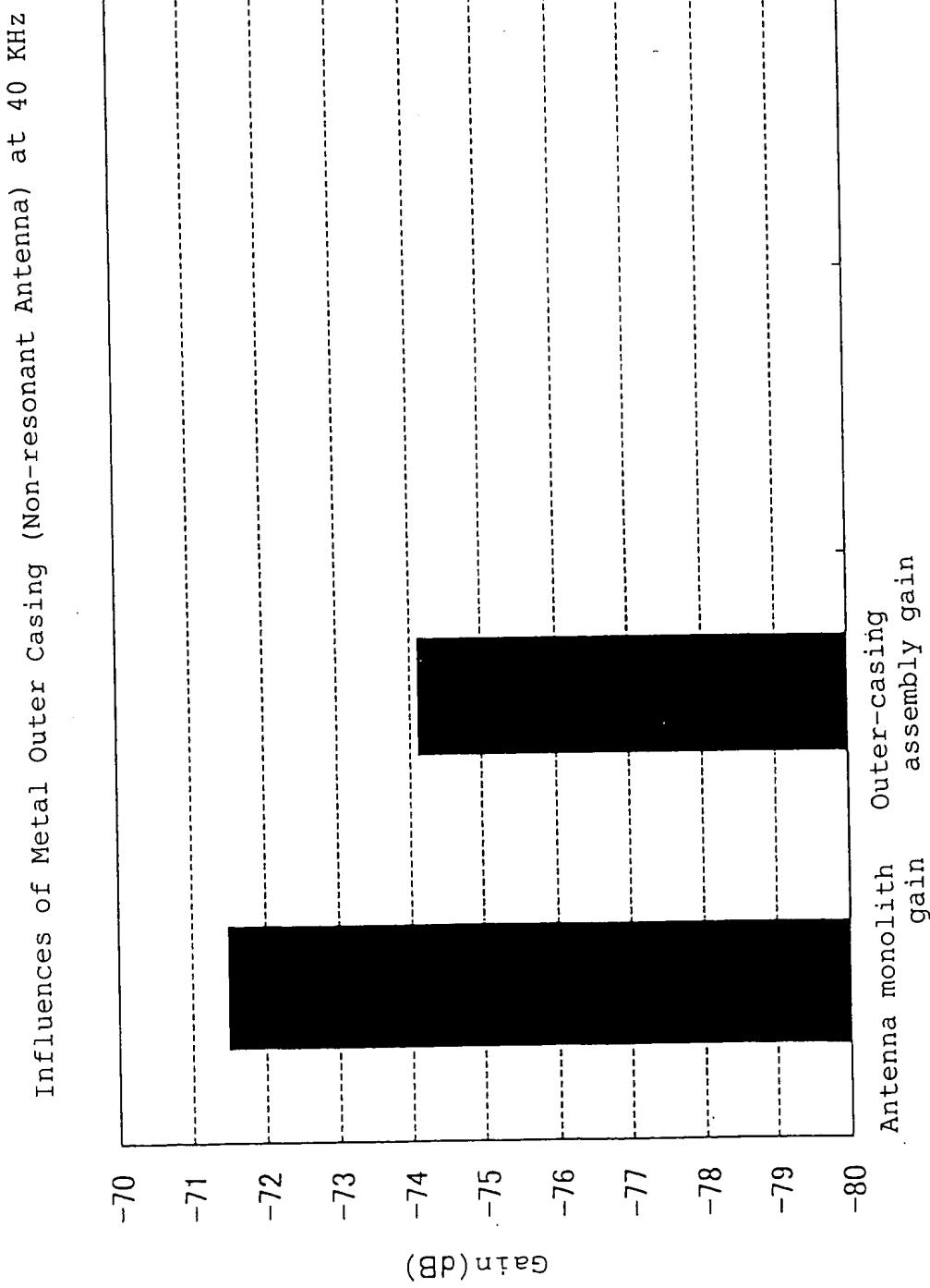
Fig. 17



10/511912

10/24

Fig. 12

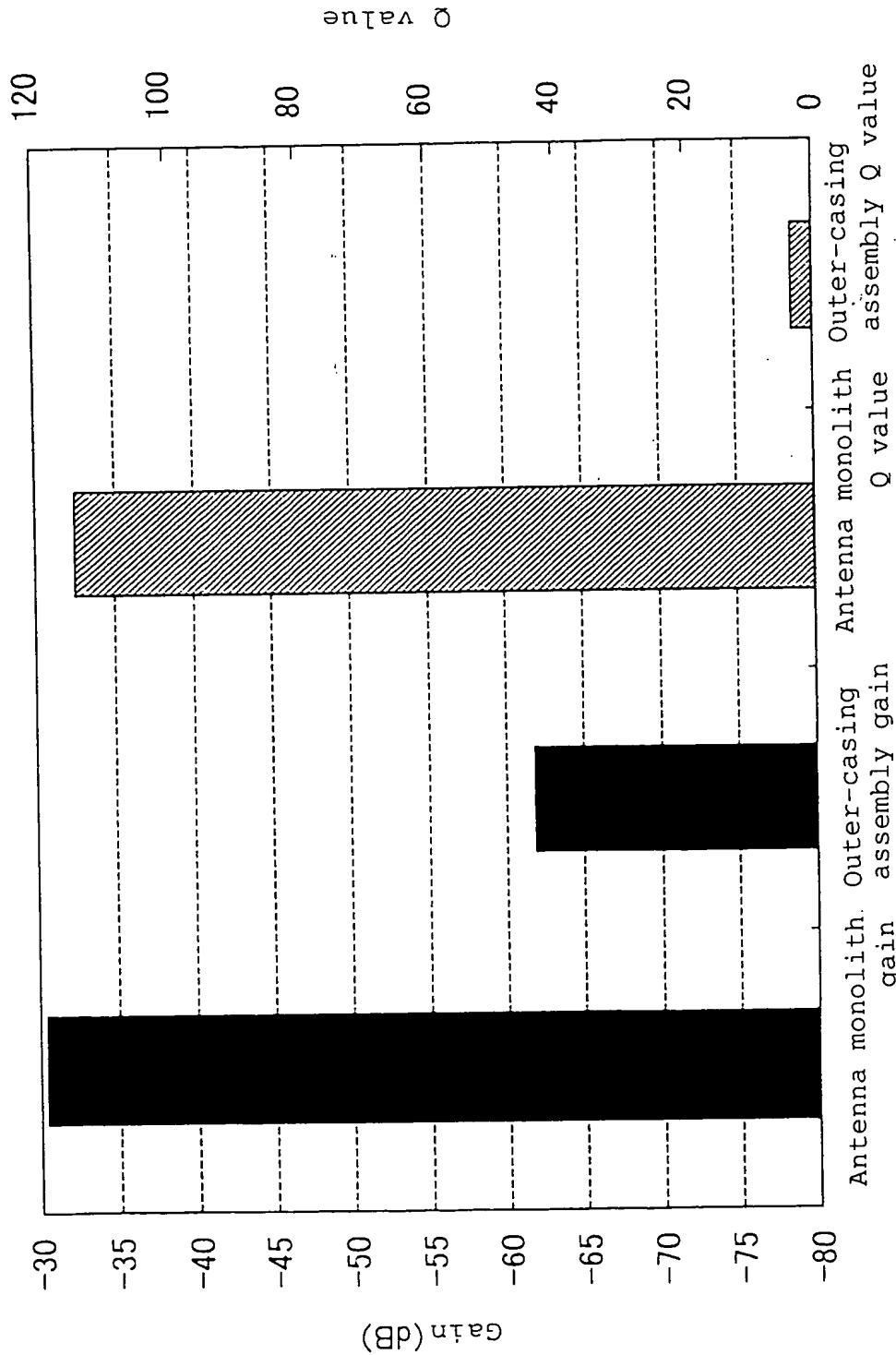


10/511912

11/24

Fig. 13

Influences of Metal Outer Casing (Non-resonant Antenna) at 40 KHz



10/511912

12/24

Fig. 14

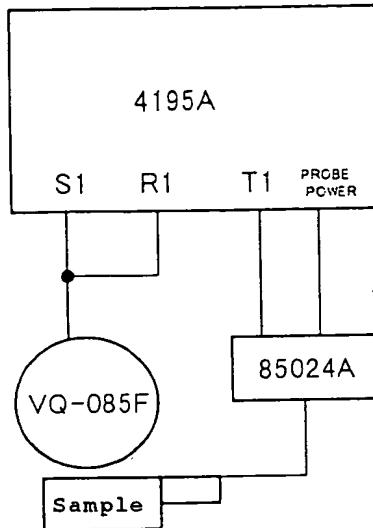


Fig. 15

Antenna-Sample Distance

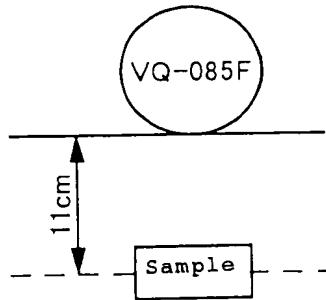
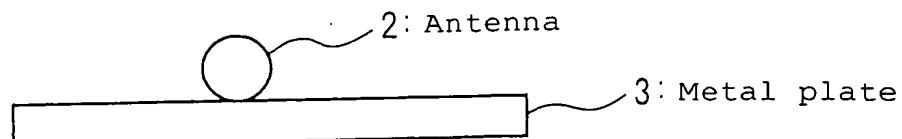


Fig. 16

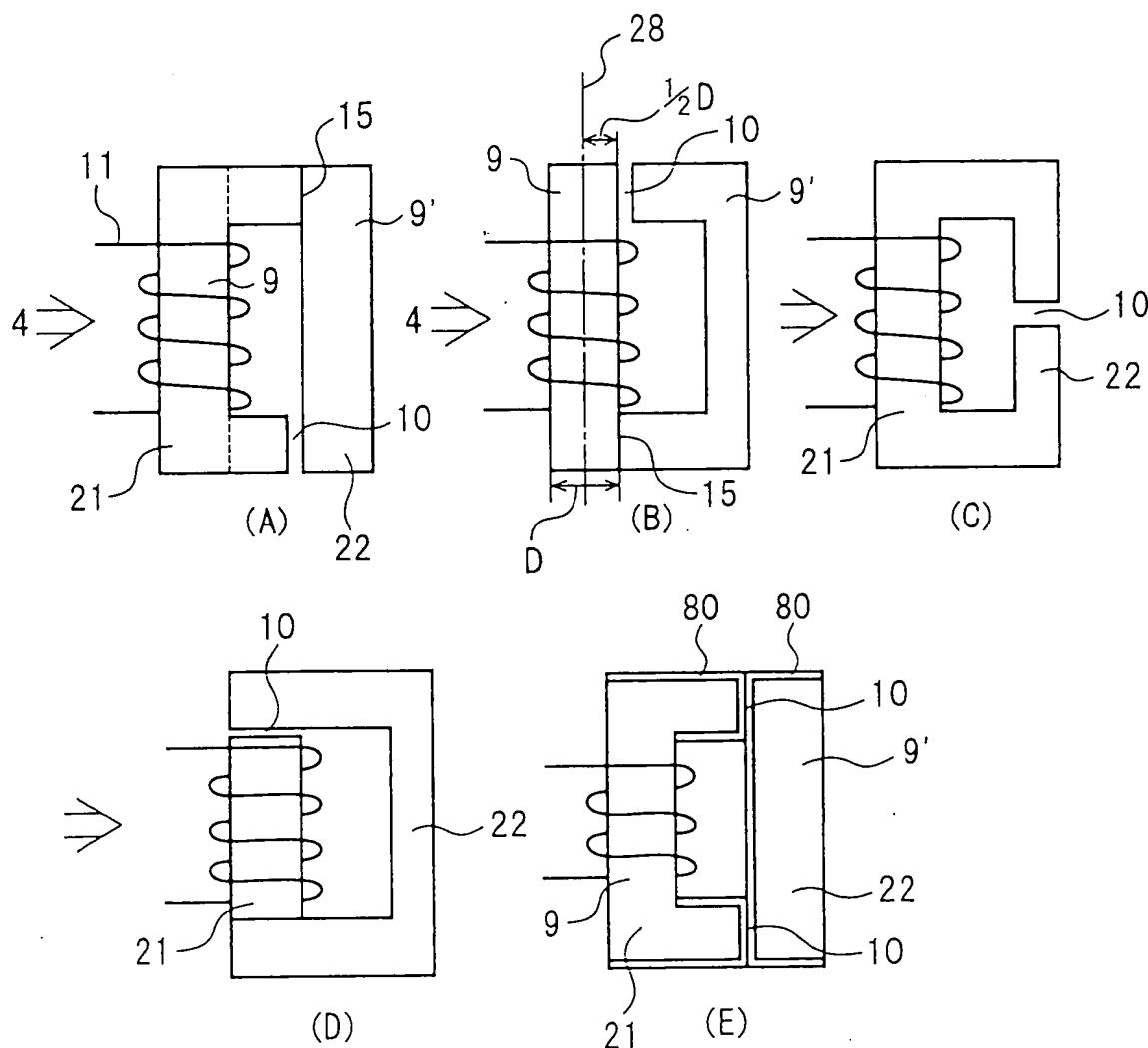


Antenna-Metal plate distance:0mm

} 10/511912

13/24

Fig. 18



} 10 / 511912

14/24

Fig. 19

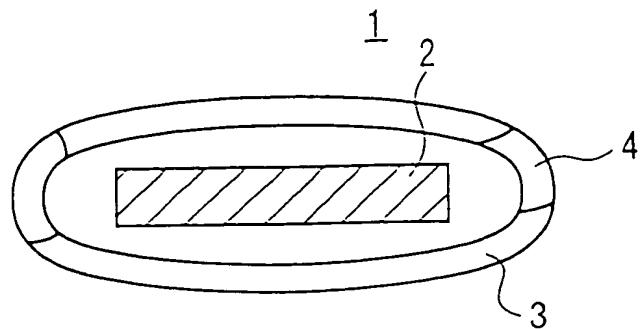
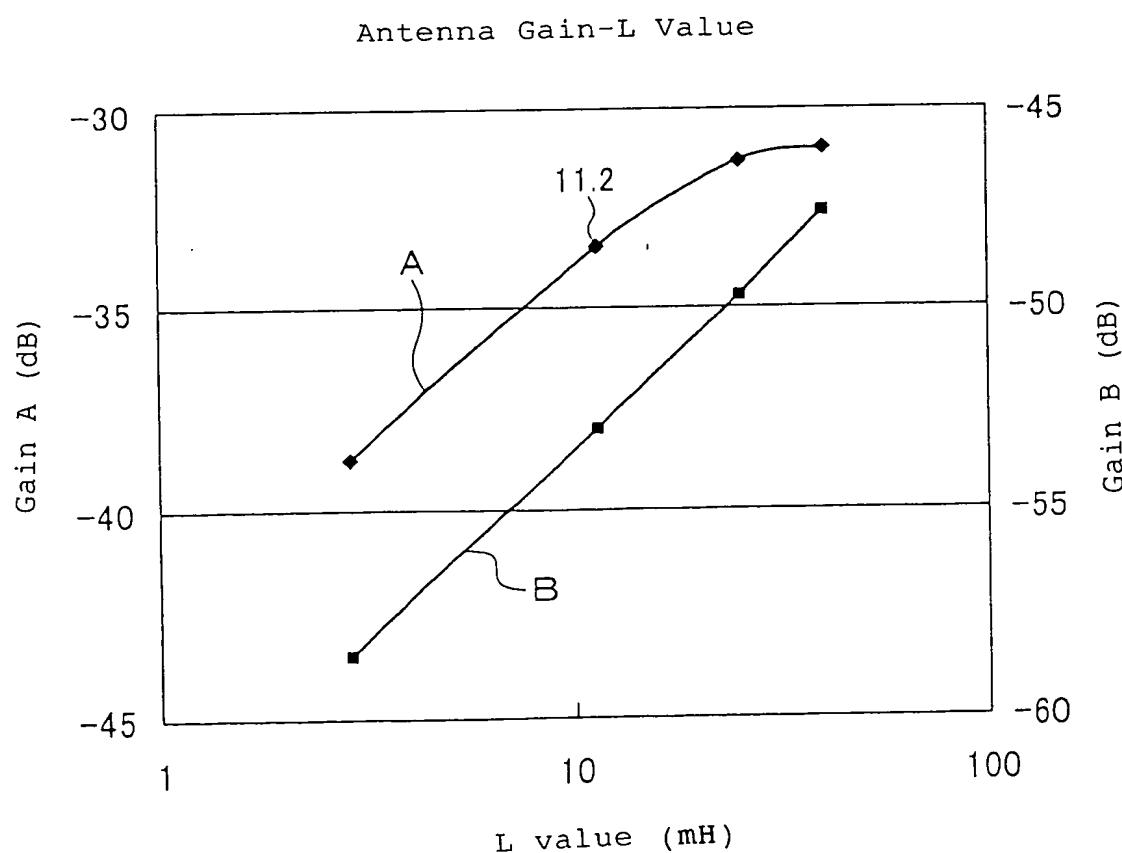
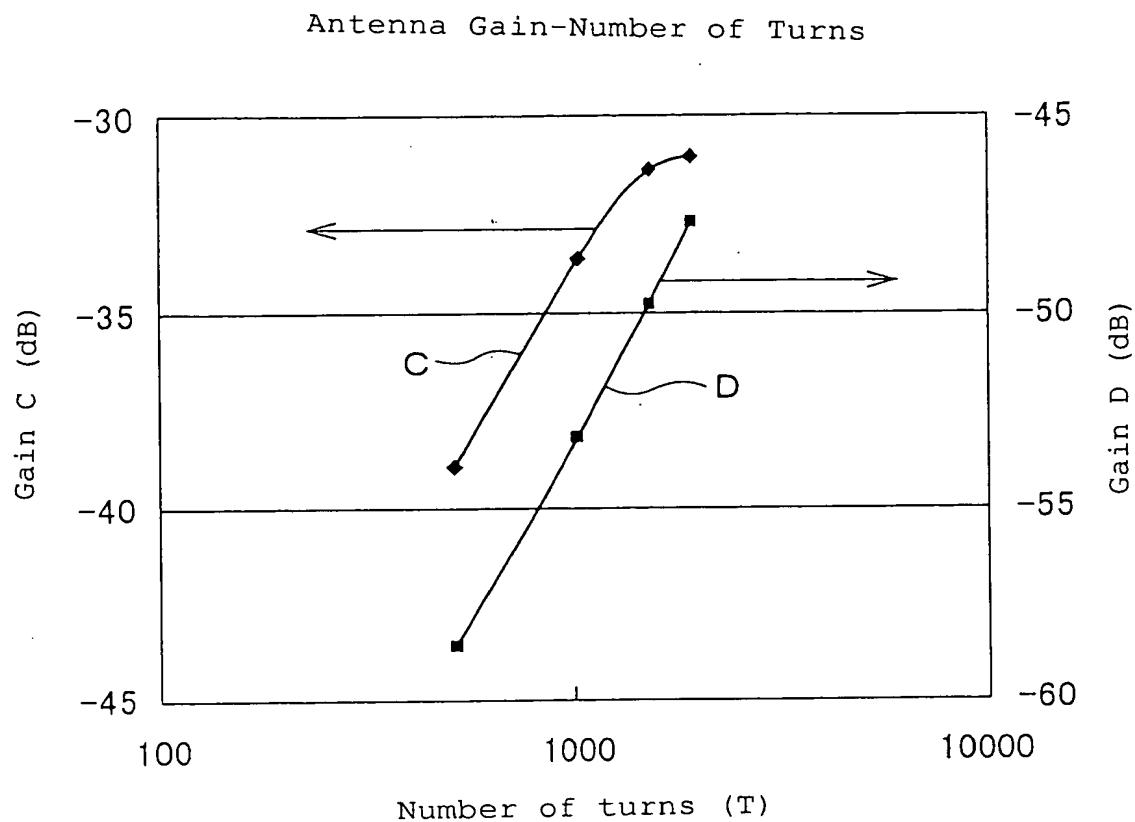


Fig. 20



15/24

Fig. 21

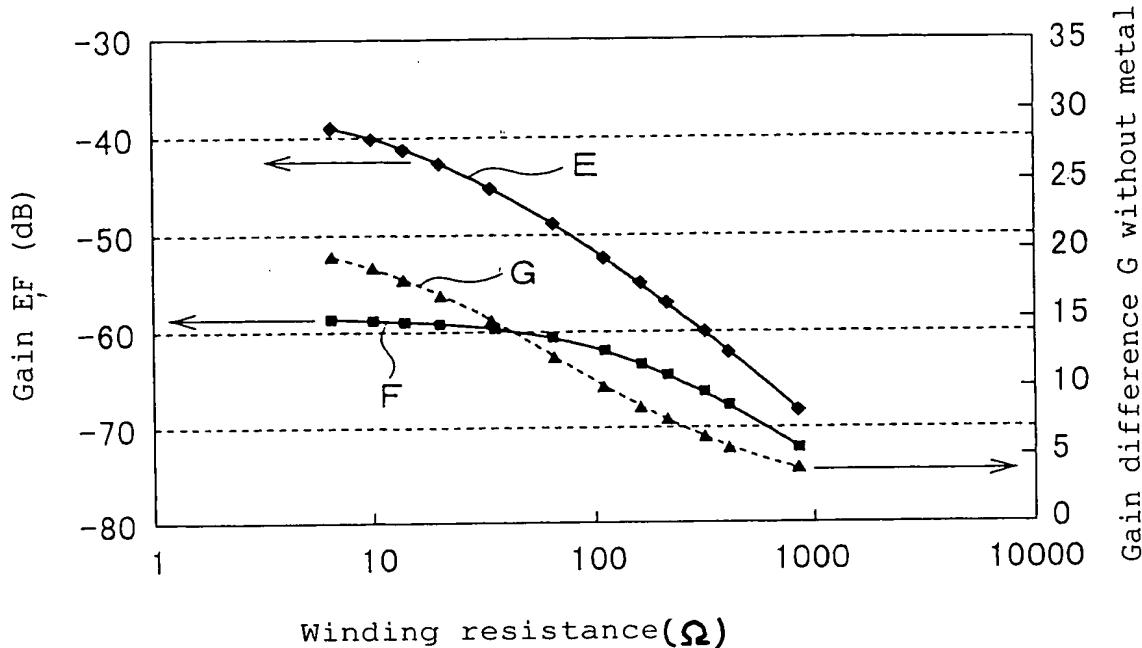


10/511912

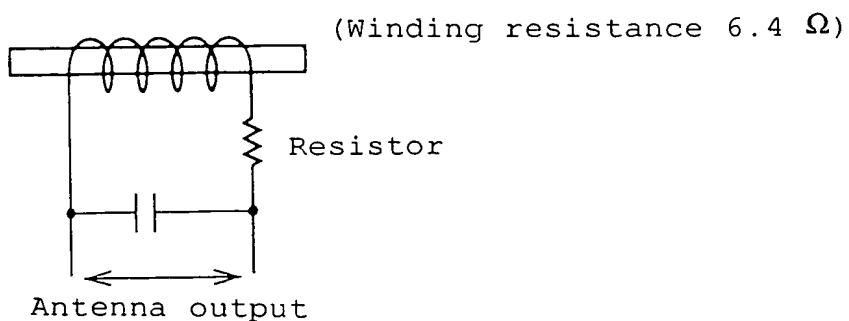
16/24

Fig. 22

(A) Antenna Gain-Winding Resistance



(B) Number of turns: 500 T



10/511912

17/24

Fig. 23

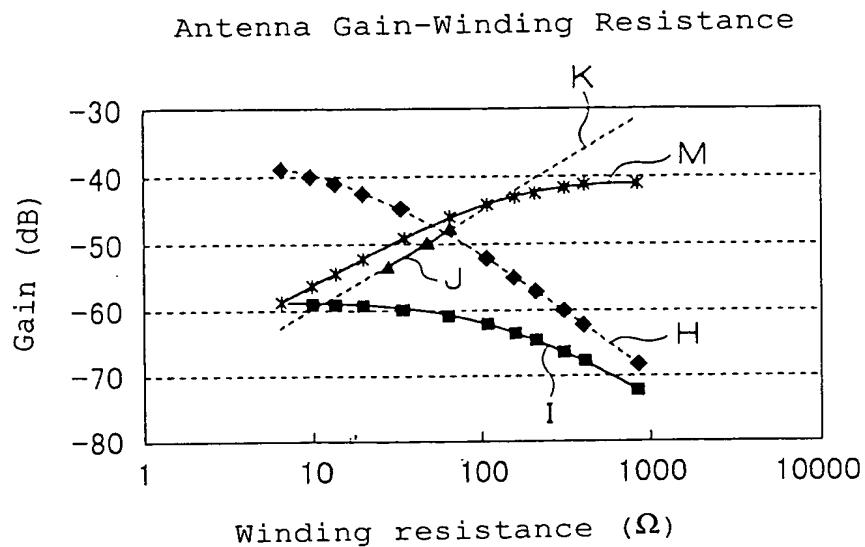
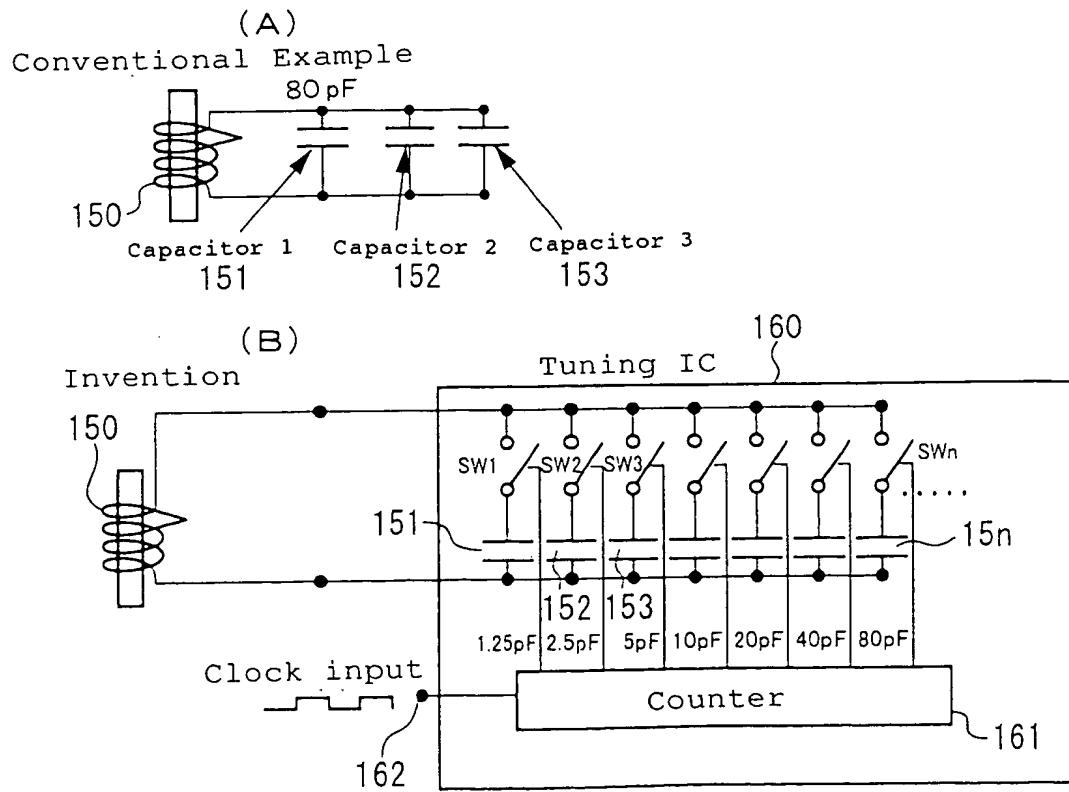


Fig. 24

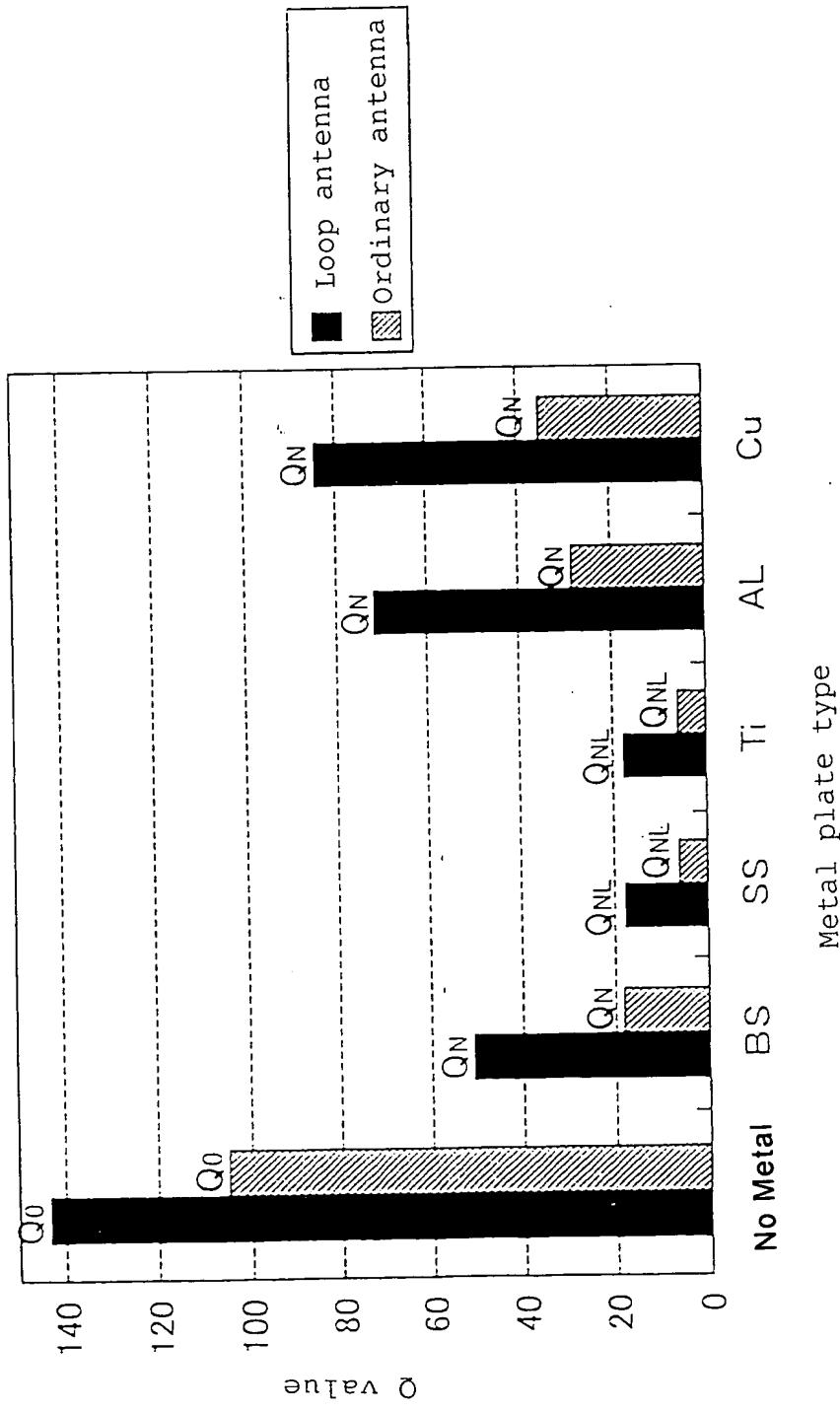


10/511912

18/24

Fig. 25

Q Value Variations Caused By Metal plate(at 40KHz)

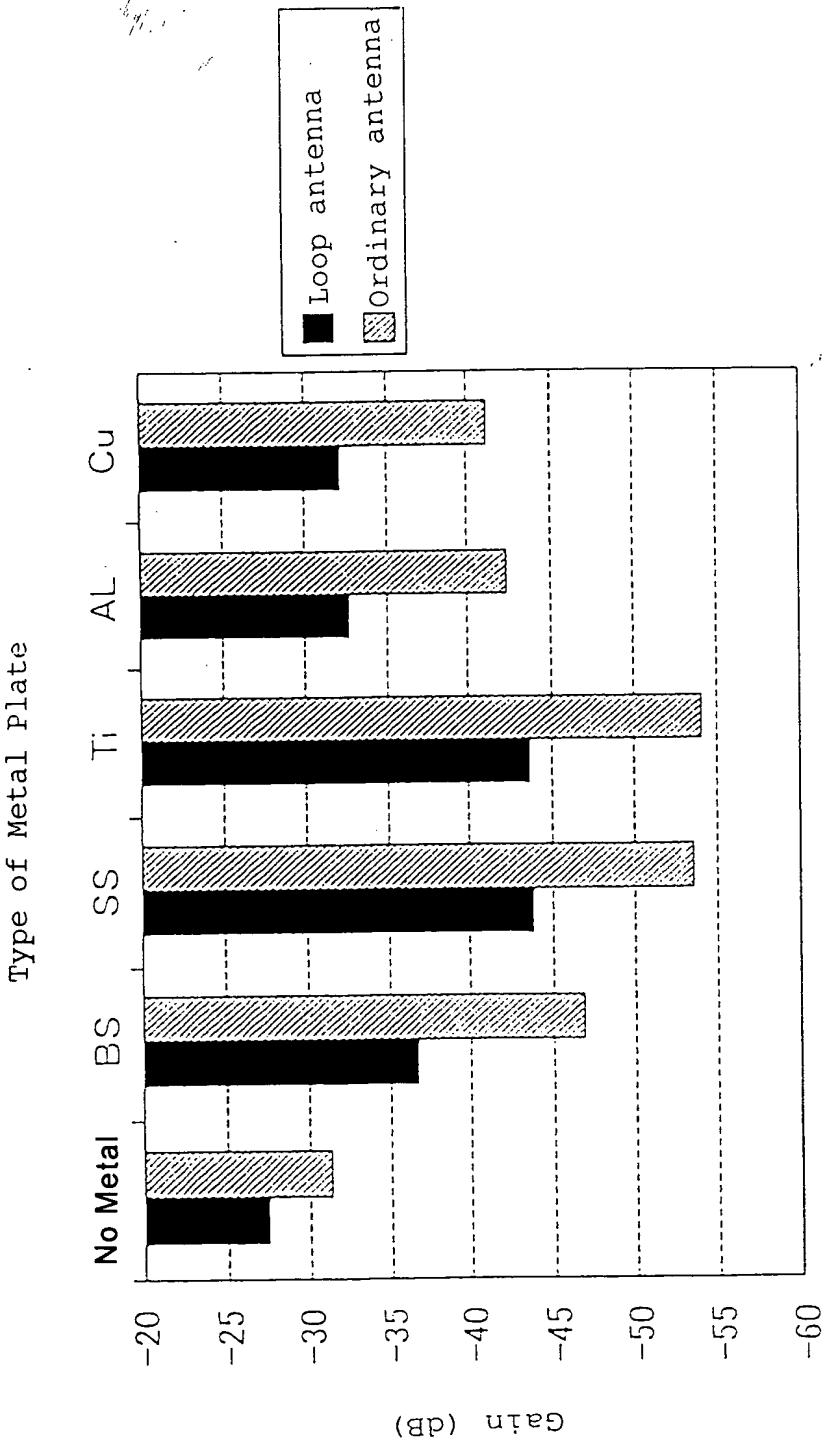


10/511912

19/24

Fig. 26

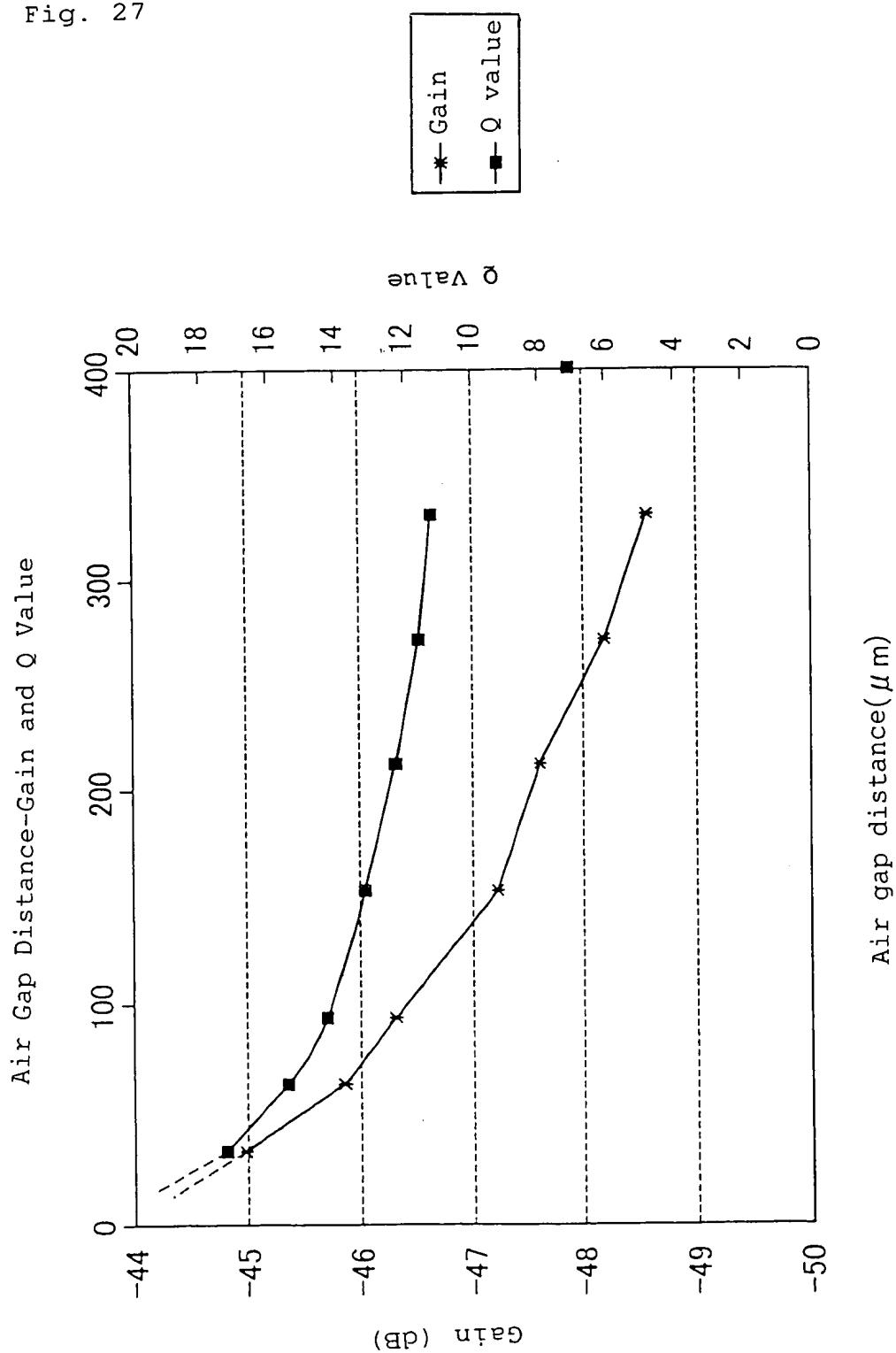
Gain Variations Caused By Metal plate (at 40 KHz)



10/511912

20/24

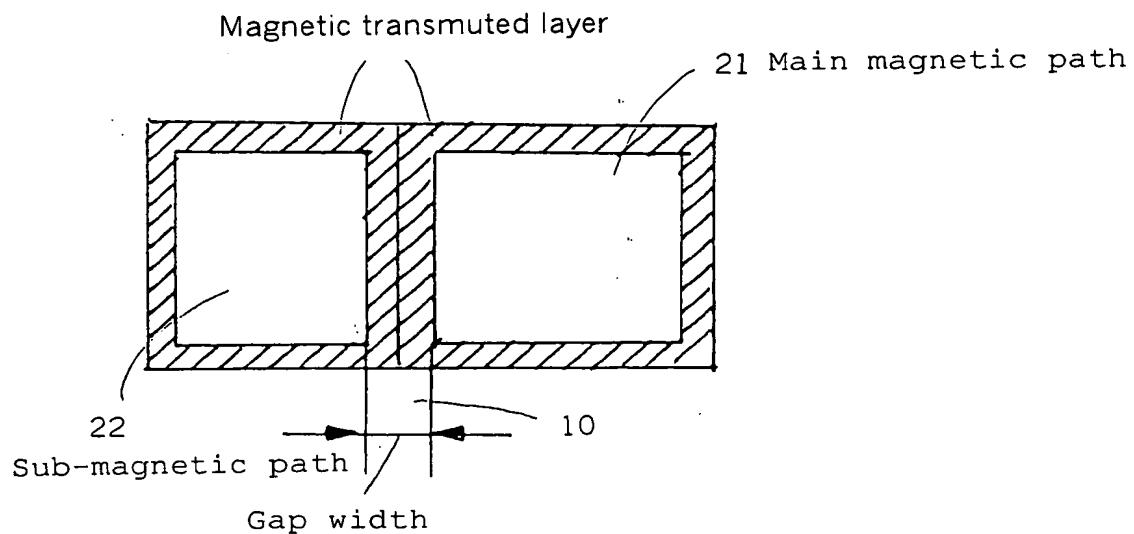
Fig. 27



} 10/511912

21/24

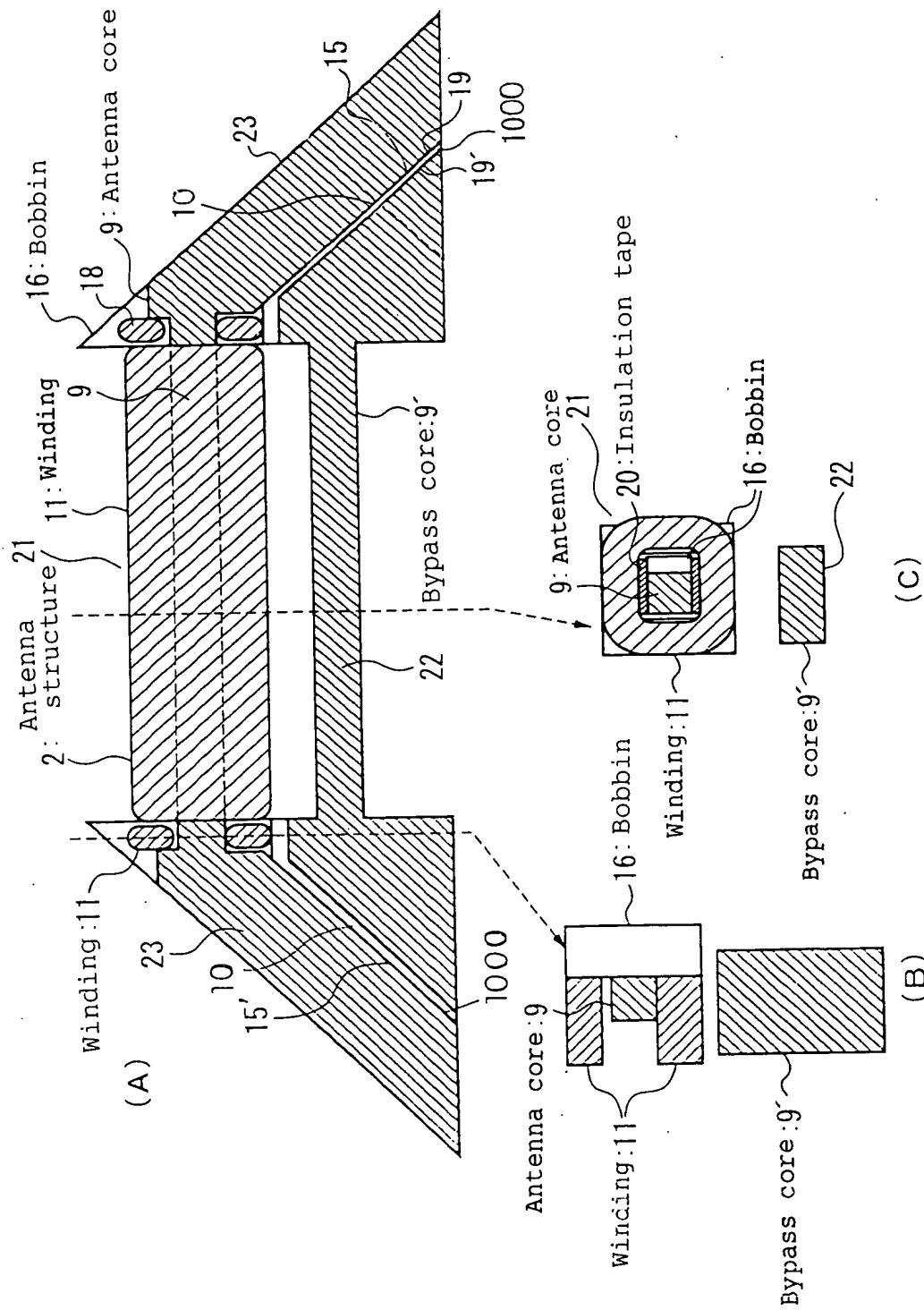
Fig. 28



10/511912

22/24

Fig. 29

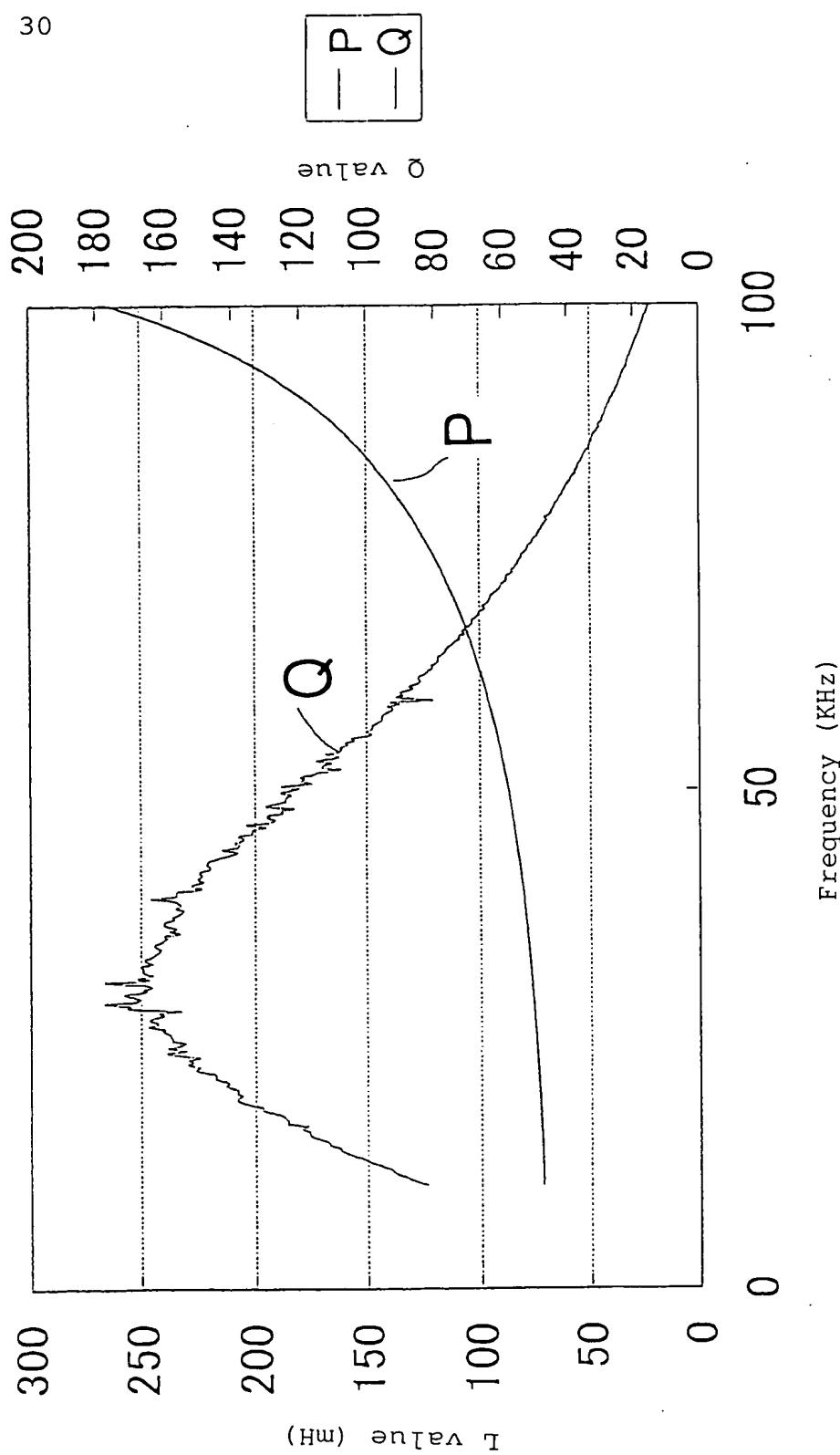


10/511912

23/24

Fig. 30

LsQ Characteristics of Number of Turns 1400 T

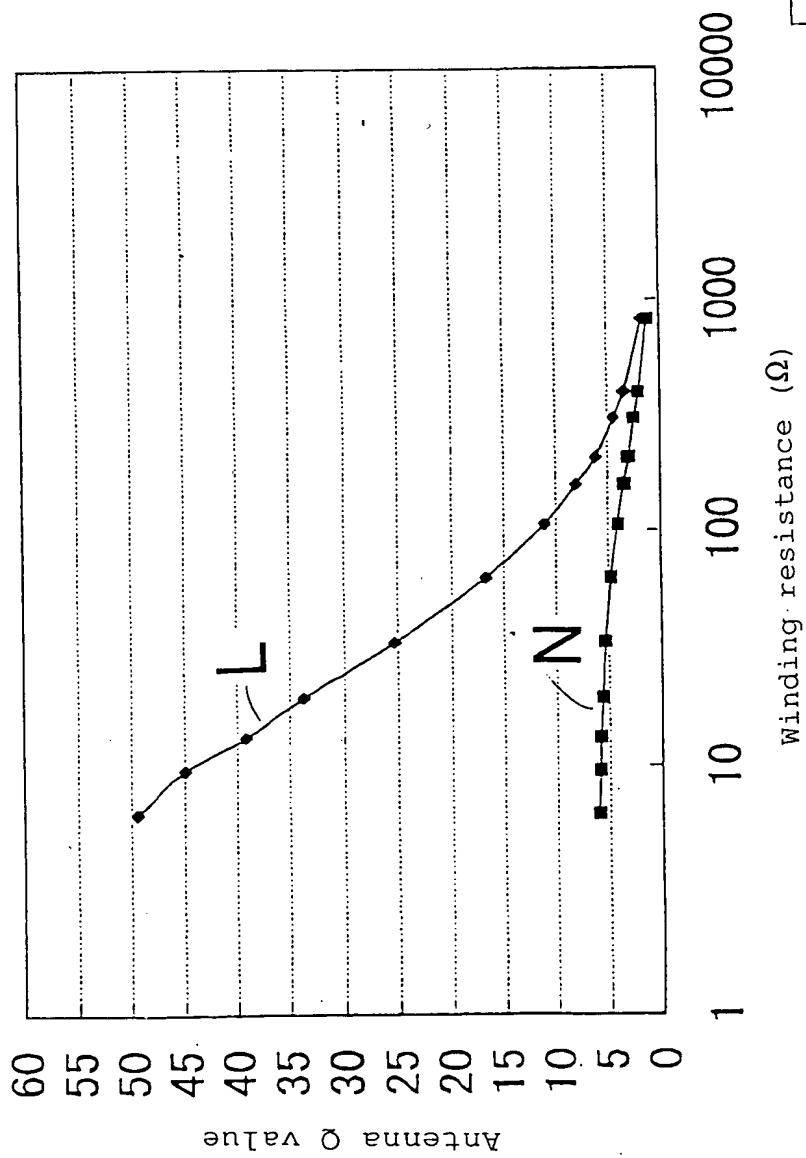


10 / 511912

24/24

Fig. 31

Antenna Q Value-Winding Resistance



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**